

Report of Department of Mathematics for the Session 2019-2020

From its inception to the present, the Department of Mathematics has evolved and grown in several directions. With an objective to provide knowledge to students so that they can become competent users of mathematics and mathematical application, the department conducts various activities throughout the year.

The session started with **Hawan Ceremony** followed by an **Orientation Programme** on 17th July 2019 for fresh students in which they were made aware regarding the activities of academic calendar, Mathematics Laboratory and the way to execute these activities. An interaction session was also conducted with old students to make them aware about the scope and job oriented nature of the subject.

On 2nd August 2019, **Teej Celebration** as well as **Talent Search** was organised in which 36 students from the department participated with great zeal.

On 29th August 2019, **Sports Day** was celebrated in which students participated in various events like Basketball, Tug of War, Tennis etc.

On 05th September 2019, Teachers Day was celebrated by students of the Department as an epitome of respect for their teachers.

To refresh and recreate the students, movie “Panga” was shown to 12 students on 29th January 2020.

On 10th February 2020, **Model Making and Presentation Competition** on the topic ‘Application of Mathematics’ was organised to boost confidence among students and 20 students participated enthusiastically. To enhance their mathematical application Mathematics Dictionaries were given away to winners as the prize.

A **Chart Making Competition** on the topic ‘Great Mathematicians and Mathematical Formulas’ was organised on 15th February 2020 in which 22 students participated.

An **Inter College Slogan Writing Online Competition** organized on the topic ‘Covid 19: A lesson for Humanity’ on 5th May 2020 in which 38 students participated from various colleges of State.

Under “**Indradhanush**” **National Level Online Event, Mathematics Quiz** was organised on 16th May 2020 in which 11 teams participated.

A **National Webinar** entitled “**Recent Trends and Application of Fixed Point Theory**” on 19th June 2020. 172 participants enhanced their knowledge.

For holistic development, 40 students of the department participated in **Athletic Meet** along with Sports Club on 8th February 2020. On the same day, **PTM** was organised in which progress report of the Mathematics Students was discussed with parents.

Students' Achievements

- On 1st June 2020 students of mathematics department participated in one day webinar on “Career opportunities in mathematical sciences” organized by Department of Mathematics in collaboration with Career counseling and placement cell, MDU Rohtak.
- Our student Tannu D/O Sh. Baljeet Singh won first prize in **Mathematical Digital Poster Making** organized by Department of Mathematics, MDU Rohtak. Students namely Ankita Kohar, Tannu, Kirti and Sakshi also participated in mathematical sketch making and article writing competition.
- Around 15 students participated in online training on COVID Awareness Organised by Department of personnel and training, Government of India.

Brochures & Results of Different Online Activities

Inter College State Level Mathematics Quiz

- Two students comprising of one team can participate from each college.
- Host College will be allowed two teams.
- The quiz is open to under-graduate students.
- Quiz competition will be conducted on ZOOM App and all participants will be mailed ZOOM Id, Password and timings one day prior.
- E-certificates will be awarded to the winners.
- On-line registration is mandatory before 14/05/2020 and quiz will held on 16/05/2020.
- (link: <https://forms.gle/PjEX7hPaPe7dRqPYA>)
- Rules regarding the quiz will be announced before the commencement of the event.

Organising Committee:

Dr Sushma, Ms Shalini, Ms Nisha
(9466476402, 9466701108)



Department of Mathematics

Quiz Contest

1st

• Mahesh Dutt and Deepika, Department of Mathematics, M.D.U Rohtak

2nd

• Anisha and Arpita, Hindu Girls College Sonepat



Kanya Mahavidyalaya, Kharkhoda

NAAC Accredited 'A' Grade

Keeping the lines of communication open to our youngsters & tap their creativity in the Covid 19 situation, College is going to organise **Inter College Competitions** in:

- | | | |
|--------------------------------------|---|---------------------------------|
| Photography Competition with Caption | → | Nature: A way towards Optimism |
| Slogan Writing | → | Covid 19: A Lesson for Humanity |
| Collage Making | → | Covid 19: A Global Terror |

Rules

- ▶ Each participant can send one photo. Photo should be original, clear & visual along with Caption in one line in jpg/pdf format.
- ▶ Slogan & Collage should be on A4 size paper in jpeg/pdf format.

Awards

- ▶ Best five entries will be awarded in each competition.
- ▶ E-certificate will be provided to each participant.

Note: Two entries can be sent by one institution in each event.

For any query: 9416479479

Last Date: 05-05-2020

✉ kmkpsc2020@gmail.com

Organising Team:

Dr. Yogita, Dr. Seemant, Dr. Parmila, Dr. Namita, Ms. Shalini & Ms. Poonam

Principal

Dr. (Mrs.) Suresh Boora

Teej Celebration (02nd August 2019)



Sports Day Celebration



Teachers' Day Celebration



Model Making and Presentation Competition (10th February 2020)



Chart Making Competition (15th February 2020)



Mathematics Laboratory



KANYA MAHAVIDYALAYA KHARKHODA



NAAC Accredited 'A' Grade

(Affiliated to M.D.U. Rohtak)

presents

NATIONAL WEBINAR



"Recent Trends and Applications of Fixed Point Theory"



Chief Patron
Sh. Ved Parkash Dahiya
President, Governing Body
Kanya Mahavidyalaya, Kahrkhoda

Organized by:
Department of Mathematics
June 19, 2020
E platform: Google Meet
Time: 11:00 AM to 01:00 PM



Patron
Dr. (Mrs.) Suresh Boora
Principal
Kanya Mahavidyalaya, Kahrkhoda

Registration link:

<https://forms.gle/RCgaqYFwFUNHmxpE6>



Professor Renu Chugh
Former Head, Dept. of Maths
& Former Director Research
M.D. University, Rohtak

KEYNOTE SPEAKERS

Associate Prof. P. P. Murthy
Head of Dept. of Pure and Applied
Maths
Guru Ghasidas University, Bilaspur



Dr. Sushma
Dept. of Mathematics
Kanya Mahavidyalaya
kharkhoda



Conveners



Mrs. Shalini
Dept. of Mathematics
Kanya Mahavidyalaya
kharkhoda

There will be no registration fee.

All participants will be provided e-certificate.

For any further queries  at fixedpt2020@gmail.com

Report of National Webinar

On 19-06-2020 a one day National webinar by Department of Mathematics on the theme - "Recent Trends and Application of Fixed Point Theory" was organised. Key speakers were:

1. Prof. Renu Chugh (Former Head, Dept . of Maths & Former Director Research M.D. University, Rohtak)

2. Associate Prof . P. P. Murthy (Head of Dept . of Pure and Applied Maths, Guru Ghasidas University, Bilaspur, Chattisgarh). Both speakers elaborated on 'Fixed point theory'- its history and relevance. Principal Dr (Mrs) Suresh Boora welcomed the participants. Conveners of webinar Dr Sushma and Mrs Shalini thanked the speakers for their fruitful delivery of presentation. Nearly 200 participants attended the webinar

Principal lauded the efforts of conveners for successfully organising the event.

